



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
5 POST OFFICE SQUARE, SUITE 100
BOSTON, MASSACHUSETTS 02109-3912

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

**URGENT LEGAL MATTER
REQUIRES PROMPT RESPONSE**

August 6, 2019

Mark Jones, General Manager
Dartex Coatings, Inc.
22 Steel Street
North Smithfield, RI 02876

Re: Clean Air Act Testing Requirement

Dear Mr. Jones:

On July 12, 2018, EPA issued a Clean Air Act ("CAA") Testing Order to Dartex Coatings, Inc. ("Dartex"), located at 22 Steel Street in North Smithfield, Rhode Island. However, while conducting a pre-test visit of the facility in September 2018, EPA monitored high VOC concentrations at various points outside of the permanent total enclosure. Condition A.1 of Dartex Minor Source Permit Approval Nos. 1356 & 1580 provides: "All VOC emissions generated from the laminating machine shall be captured and contained for discharge to the thermal oxidizer." In its September 2018 configuration, Dartex would not have been able to demonstrate 100 percent capture of all VOC emissions. In October 2018, Dartex asked EPA for more time to address the capture issue. EPA agreed to suspend the Testing Order.

EPA issued a Notice of Violation to Dartex on March 25, 2019 for failures to comply with Minor Source Permit Approval Nos. 1356 & 1580. To date, Dartex has not taken adequate steps to capture all VOC emissions generated from the laminating machine. As a result, EPA is issuing this Clean Air Act Testing Requirement to evaluate Dartex's compliance with Minor Source Permit Approval Nos. 1356 & 1580.

Section 114(a)(1) of the Act, 42 U.S.C. § 7414(a)(1), gives EPA the authority to require any person who owns or operates any emission source to establish and maintain records, make reports, sample emissions, and provide such other information as may reasonably be required to enable EPA to determine whether such person is in compliance with a state implementation plan and any permits issued under such a plan. Minor Source Permit Approval Nos. 1356 & 1580 were issued under Regulation 9 of the Rhode Island state implementation plan and are federally enforceable.

Testing Requirement

Dartex shall develop an emissions testing protocol for EPA approval that describes the following elements in detail and shall subsequently conduct emissions testing as described.

- 1) Prior to testing, Dartex shall create a temporary (or permanent) total enclosure around the back end of the laminating line such that the entire laminating line¹ meets the criteria for a temporary or permanent total enclosure as described in 40 CFR Part 51, Appendix M, Method 204 – Criteria for and Verification of a Permanent or Temporary Total Enclosure. Regardless of whether the enclosure is temporary or permanent, it must be constructed such that all VOCs generated by the laminating line can be captured and routed to the thermal oxidizer.
- 2) Dartex shall ensure that sufficient coatings and continuous web substrates are available such that it can maintain a coating/production rate at, or above, ninety percent of the facility's maximum coating/production rate².
- 3) The testing will consist of three one-hour test runs for VOC emissions using the highest "as applied" VOC content coating.³
- 4) All testing will be performed while the Anguil Environmental Systems thermal oxidizer is operating at, or slightly above, 1400 degrees Fahrenheit.
- 5) Dartex must demonstrate that the enclosure meets EPA Method 204 by using a continuous pressure monitoring recording device, or equivalent, to document negative pressure within the temporary and permanent total enclosure.
- 6) During the test period, Dartex shall record process and control operating parameters including but not limited to:
 - a) Laminating line speed (yards per minute);
 - b) VOC concentration at inlet to thermal oxidizer;
 - c) VOC concentration at outlet to thermal oxidizer;
 - d) Thermal oxidizer combustion temperature; and
 - e) The temperatures in each of the three drying zones for each of the two ovens used

¹The laminating line includes Coating Room #1, Oven #1, Coating Room #2, Oven 2&3, A-Nip, Accumulator, B-Nip, Paper Removal, and all connecting sections.

² Both coating stations (A and B) of the laminating line must be coating substrates with the highest "as applied" VOC content for the entire test period.

³ The facility is required by its permit to reduce emissions from the laminating line by 99% in total through a combination of 100% capture and 99% destruction.

to dry coatings applied in Coating Station A and Coating Station B of the laminating line.

- 7) During the test period, Dartex shall utilize EPA Methods 1- 4 and Method 25 and/or Method 25A, as appropriate, to measure total gaseous organic compounds expressed in terms of propane or carbon. (see 40 CFR Part 60, Appendix A).

Dartex shall prepare for and conduct emissions testing according to the following schedule:

- 8) Within 30 days of the date Dartex receives this letter, contact Tom McCusker at (617) 918-1862, to schedule a conference. At this conference, EPA will review with Dartex the testing procedures, monitoring procedures, and testing methods described above and discuss the development of a testing protocol.
- 9) Within 60 days of the date Dartex receives this letter, prepare and mail to EPA for review an emissions testing protocol that incorporates the procedures/methods described above.
- 10) Within 30 days of receiving EPA comments on the emissions testing protocol, Dartex shall revise and resubmit the emissions testing protocol in accordance with EPA's comments or required changes. EPA shall approve, approve with conditions, or disapprove the revised emissions testing protocol in writing.
- 11) Within 30 days of the date EPA approves the protocol, Dartex shall hold a pre-test meeting with EPA and schedule the testing date(s). The testing must take place no later than 60 days after the pre-test meeting.
- 12) Within 45 days of completing the testing, Dartex must:
 - a) Submit a complete test report to EPA; and
 - b) Provide a list of any deviations in the negative pressure within the enclosure and detailed descriptions of the corrective actions taken.

Note that Attachment A to this Testing Order lists required elements for emission testing protocols and test reports.

Be aware that if Dartex does not provide the information and perform the testing required in a timely manner, EPA may order it to comply and may assess monetary penalties under Section 113 of the Clean Air Act. Federal law also establishes criminal penalties for providing false information to EPA. This letter is not subject to Office of Management and Budget review pursuant to the Paperwork Reduction Act, 44 U.S.C. Chapter 35.

You may assert a business confidentiality claim covering part or all of the information requested, in the manner described by 40 CFR § 2.203(b). Information covered by such a claim will be disclosed by EPA only to the extent, and by means of the procedures, set forth in 40 CFR Part 2, Subpart B. Note that certain categories of information, such as emission data, are not properly

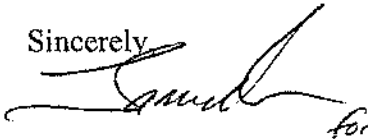
the subject of such a claim. If no such claim accompanies the information when EPA receives it, EPA may make the information available to the public without further notice to you.

Provide the above-required information to:

Air Compliance Office
Enforcement and Compliance Assurance Division
US EPA Region 1- New England
Mail Code 04-2
5 Post Office Square Suite 100
Boston, Massachusetts, 02109-3912
Attn: Tom McCusker

If you have any questions regarding this Testing Order, please contact Tom McCusker at (617) 918-1862, or have your attorney call Aleksandra George at (617) 918-1092.

Sincerely,

A handwritten signature in black ink, appearing to read "Karen McGuire", with a small "for" written below it.

Karen McGuire, Director
Enforcement and Compliance Assurance Division

Attachment A

cc: Chris John, RI DEM
David Chopy, RI DEM